

SEP 08 2005

**FAX TRANSMISSION****DATE:** September 8, 2005**PTO IDENTIFIER:** Application Number 10/749770-Conf. #1054  
Patent Number**Inventor:** Lucio ANDRADE-CETTO**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (571) 273-8300**FROM:** LAHIVE & COCKFIELD, LLP

John S. Curran

**PHONE:** (617) 227-7400**Attorney Dkt. #:** MWS-097**PAGES (Including Cover Sheet):** 17**CONTENTS:** Fee Transmittal (1 page in duplicate)  
Amendment (11 pages)  
Amendment Transmittal (1 page in duplicate)  
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PTO/SB/87 (09-04)

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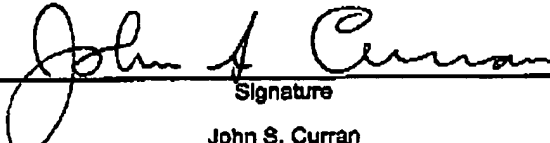
Application No. (if known): 10/749770

Attorney Docket No.: MWS-097

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on September 8, 2005  
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John S. Curran

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Fee Transmittal (1 page in duplicate)

Amendment (11 pages)

Amendment Transmittal (1 page in duplicate)

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PTO/SB/17 (12-04v2)

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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). <b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		<b>Complete if Known</b> Application Number 10/749770-Conf. #1054 Filing Date December 30, 2003 First Named Inventor Lucio ANDRADE-CETTO Examiner Name B. Bul Art Unit 2863 Attorney Docket No. MWS-097	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 500.00			

<b>METHOD OF PAYMENT (check all that apply)</b> <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____ <input checked="" type="checkbox"/> Deposit Account Deposit Account Number: 12-0080 Deposit Account Name: Lahive & Cockfield, LLP For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Credit any overpayments	
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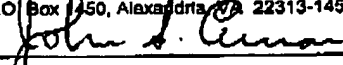
FEE CALCULATION							
1. BASIC FILING, SEARCH, AND EXAMINATION FEES							
Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
2. EXCESS CLAIM FEES							Small Entity
Fee Description							Fee (\$)
Each claim over 20 (including Reissues)							50
Each independent claim over 3 (including Reissues)							200
Multiple dependent claims							360
Total Claims		Extra Claims	Fee (\$)	Fee Paid (\$)		Multiple Dependent Claims	
40		- 35 = 2	x 50.00 =	100.00		Fee (\$): Fee Paid (\$)	
Indep. Claims		Extra Claims	Fee (\$)	Fee Paid (\$)			
5		- 3 = 2	x 200.00 =	400.00			
3. APPLICATION SIZE FEE							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(e).							
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof		Fee (\$)	Fee Paid (\$)		
	- 100 =	/50		(round up to a whole number) x			
4. OTHER FEE(S)							
Non-English Specification, \$130 fee (no small entity discount)							
Other (e.g., late filing surcharge):							

SUBMITTED BY			
Signature	<i>John S. Curran</i>	Registration No. (Attorney/Agent)	50,445
Name (Print/Type)	John S. Curran	Telephone	(817) 227-7400
		Date	September 8, 2005

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (571) 273-8300 at MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: September 8, 2005

Signature: *John S. Curran* (John S. Curran)

<b>AMENDMENT TRANSMITTAL LETTER</b>				Docket No. MWS-097	
Application No. 10/749770-Conf. #1054		Filing Date December 30, 2003		Examiner B. Bul	
Art Unit 2883					
Applicant(s): Lucio ANDRADE-CETTO					
Invention: A SYSTEM AND METHOD FOR VISUALIZING REPETITIVELY STRUCTURED MARKOV MODELS					
<b>TO THE COMMISSIONER FOR PATENTS</b> Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	40	- 38 =	2	x 50.00	100.00
Independent Claims	5	- 3 =	2	x 200.00	400.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					<b>500.00</b>
<input checked="" type="checkbox"/> Large Entity <span style="margin-left: 200px;"><input type="checkbox"/> Small Entity</span>					
<input type="checkbox"/> No additional fee is required for this amendment.					
<input checked="" type="checkbox"/> Please charge Deposit Account No. <u>12-0080</u> in the amount of \$ <u>500.00</u> . A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>12-0080</u> as described below. A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
 John S. Curran Attorney Reg. No.: 50,445 LAHIVE & COCKFIELD, LLP 28 State Street Boston, Massachusetts 02109 (617) 227-7400				Dated: <u>September 8, 2005</u>	
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COPY

<b>AMENDMENT TRANSMITTAL LETTER</b>				Docket No. MWS-097	
Application No. 10/749770-Conf. #1054		Filing Date December 30, 2003		Examiner B. Bui	
				Art Unit 2863	

Applicant(s): Lucio ANDRADE-CETTO

Invention: A SYSTEM AND METHOD FOR VISUALIZING REPETITIVELY STRUCTURED MARKOV MODELS

**TO THE COMMISSIONER FOR PATENTS**

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Total Claims	40	- 38 =	2	x 50.00	100.00
Independent Claims	5	- 3 =	2	x 200.00	400.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					<b>500.00</b>

☒ Large Entity ☐ Small Entity

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☐ A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.

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☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

Dated: September 8, 2005

John S. Curran  
John S. Curran  
Attorney Reg. No.: 50,445

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Boston, Massachusetts 02108  
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Dated: September 8, 2005

Signature:

(John S. Curren)

Docket No.: MWS-097  
(PATENT)**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Lucio Andrade-Cetto

Application No.: 10/749770

Confirmation No.: 1054

Filed: December 30, 2003

Art Unit: 2863

For: A SYSTEM AND METHOD FOR  
VISUALIZING REPETITIVELY  
STRUCTURED MARKOV MODELS

Examiner: B. Bui

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated June 9, 2005, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 7 of this paper.

09/09/2005 SDIRETA1 00000032 120080 10749770

01 FC:1202 100.00 DA  
02 FC:1201 400.00 DA